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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jiang et al. : Group Art Unit: 1742
Application No. 09/682,630 : Examiner: A. Wessman
Filed: October 1, 2001 : Response to Paper No. 3
For: Rhodium, Platinum, Palladium Alloy

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AMENDMENT UNDER 37 CFR 1.111

Assistant Commissioner for Patents
Washington, DC 20231

SIR:

In response to the Office Action dated 11/23/01, please amend the above-identified application as follows.

IN THE SPECIFICATION

Please amend the specification as follows:

Abstract

An alloy and a gas turbine engine component comprising an alloy, the alloy consisting essentially of rhodium, platinum, and palladium, wherein the alloy comprises a microstructure that is essentially free of L12 – structured phase at a temperature greater than about 1000°C.

Paragraph beginning on page 2, line 15

The present invention provides several embodiments that address this need. One embodiment is an alloy consisting essentially of rhodium, platinum, and palladium, wherein the alloy comprises a microstructure that is essentially free of L12 – structured phase at a temperature greater than about 1000°C.

Paragraph beginning on page 2, line 19

A second embodiment is an alloy consisting essentially of from about 5 atomic percent to about 40 atomic percent platinum and the balance comprising rhodium, wherein the alloy further